

REMARKS

This application contains new claims 1-109. Claims 1-81 have been canceled without prejudice. New claims 82-109 are hereby added. No new matter has been introduced. Favorable consideration of the new claims is respectfully requested.

The new claims added in this amendment all relate to linear displacement encoders of the type in which an electrostatic field transmitter and receiver face one another across an intervening electrically-active pattern. Independent claim 82 recites the configuration in which the transmitter and receiver are on the reading head, while the pattern is on the ruler, as shown in Fig. 25. Independent claim 96 recites the alternative configuration in which the transmitter and receiver are on the ruler, while the pattern is on the reading head, as shown in Figs. 29 and 30. The two alternative configurations are useful in different practical applications, but share a common inventive principle.

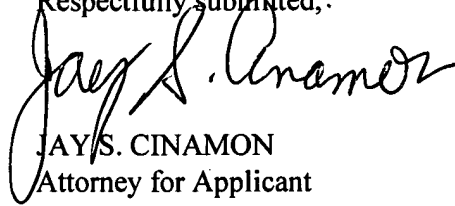
The language of the new dependent claims is based on the original specification and claims. Although some of the elements recited in the new dependent claims were described in the application as filed with reference to rotational encoders, the specification makes clear that these concepts are also applicable to linear encoders (see, for example, paragraph 322 in the published parent application US 2003/0030570 A1).

In view of the above amendments and remarks, applicant respectfully submits that all of the claims in the present application are in condition for allowance. Prompt examination and allowance of the application are respectfully requested.

We enclose our check for \$72.00 to cover the cost of filing eight (8) extra total dependent claims beyond twenty (20).

If any other fees are due and have not been submitted herein, please charge our
Deposit Account No. 01-0035.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jay S. Cinamon". The signature is fluid and cursive, with the first name "Jay" being more prominent.

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